



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- ~~RARS meets for a monthly dinner on the First Tuesday of each month.~~



PUBLIC SERVICE EVENTS

Interested in helping? Visit <https://www.rars.org/public-service.php>

frequently for our 2020 ham public service schedule.

RARS General Meeting

Topic: Patrolling The Ether: The FCC's "Radio Intelligence Division" (RID) in WWII

Presenter: Brian Harrison, KN4R

Date: July 14, 2020

Time: Meeting at 7:30 PM, informal gathering at 7PM on Zoom.

Where: Zoom

President's Message

I hope everyone had as much fun on our very unusual Field Day as I did. I set up a portable station with a portable dual band hamstick dipole and a generator. I operated on 20 and 40 meters from my regular radio bench with the antenna and generator set up in the back yard. I thought I did pretty well making contacts until I heard some other hams on the nightly nets report their totals many, many times the number I had.

Maybe they just spent more time than I did, but mostly I

[Continued on page 4](#)

RARS Officers

PRESIDENT

John Honeycutt
N8ZU
919.417.2477
jfh49@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
N4TL2@yahoo.com

SECRETARY

Mark Kilmer
KM4JRH
919.676.0110
mark.kilmer@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2014
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to
the monthly (first Tuesday) RARS Supper,
6:30PM, at the IHOP Restaurant, 7471 Six
Forks road, 27615. Its on the corner of Six
Forks road and Sawmill Road, 6:30 PM to
8PM They have a room for us that is to the left
when you enter the restaurant. Informal and
Dutch, just bring your appetite and best rag to
chew.

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

There is a net Listing on the RARS web-
site click here. <https://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and November at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSfest
in April; the Cary Swapfest in July; the JARS-
Fest in November; and following RARS license
classes. Please bring a photo ID, your origi-
nal and a copy of your current license, your
\$14 exam fee, and any valid CSCEs that prove
passing elements beyond that of your current
license. Visit <https://www.rars.org> for more in-
formation.

June 2020 Net Summaries

RARS Net

Checkins: 612

Traffic Brought/Passed: 11/11

Minutes: 1177

Sessions: 30

Taco Thursday Net

Checkins: 70

Minutes: 186

Sessions: 4

Virginia Enzor NC4VA

RARS Net Manager



Reminder, the next RARS meeting will be on
Zoom. An email will be sent out before the
meeting with the link to join in.

Presentation: Patrolling The Ether: The FCC's
"Radio Intelligence Division" (RID) in WWII

Presenter: Brian Harrison, KN4R

Time: July 9, 2020 07:00 PM Eastern Time
(US and Canada)

Note: The meeting will start at 7:30 PM, and
there will be an informal gathering via Zoom
starting at 7:00 PM.

Presidents Comments continued

think contesting just takes more skill than I ever knew. Maybe better equipment, too. It leaves me humbled, and excited to learn the high scores in our intra club competition when they are announced next month. I'm sure I'll be amazed.

Now I'm working the 13 Colonies special event stations. On the nets, I've heard hams say they contacted most of the stations in an hour or so. Not I. I've put in a few hours, and I'm only up to 8 of the 15, working them on 80, 40, 20, 15, and 10, some on two or three bands. Maybe I won't contact them all. The main thing is that I'm having fun and maybe improving my skills a little.

Along the way, I've picked up some other special event stations, such as the ice breaker *Mackinac* and the Indianapolis Speedway, along with some Summit on the Air and Parks on the Air stations. And I've paused for some long-ish conversations with some hams in New Jersey, Pennsylvania, New Hampshire, Scotland (!) and a few other places. Making long distant contacts still seems pretty exotic to me. It's why I wanted to be a ham in the first place.

On July 14 at 7:30 we'll have the regular monthly RARS meeting, again on Zoom. The program will be another interesting historical look at radio by Brian Harrison, KN4R. Check out the details on the RARS web page or elsewhere in this Exciter. RARS members will receive an email from Greg, KE4PAX, our Treasurer, with the Zoom links. Our meetings are open to anyone. Non-members who want to join please contact Greg or me from the "Officers Contacts" tab on rars.org and one of us will send you the links.

Finally, the "Taco Thursday mini Ham Fest" on Thursday of this week, July 9, at 11:30 at Pleasant Valley Promenade in Raleigh will be one of the few in-person gatherings our members have organized in the past few months. Navigate to the QRZ page of Alan, AB4OZ for details. If you can't make it in person, check into the net at the same time on 146.64 (-600 Hz, no tone) to catch up with everyone on the air.

John Honeycutt, N8ZU
President

June 9, 2020 RARS meeting

RARS Field Day 2020

This year is an opportunity for our club to do something different. Due to restrictions on mass gatherings and social distancing, RARS will not be hosting its usual Field Day event at the Carroll farm. Instead, the club will host an informal competition between club members. You can operate from your home station on commercial power, or, better yet, emergency power. All the information is on the RARS website.

<https://www.rars.org/fieldday.php>



Bob Starkenburg, W4TTX, explained how RARS members can operate in the ARRL's Field Day this year.

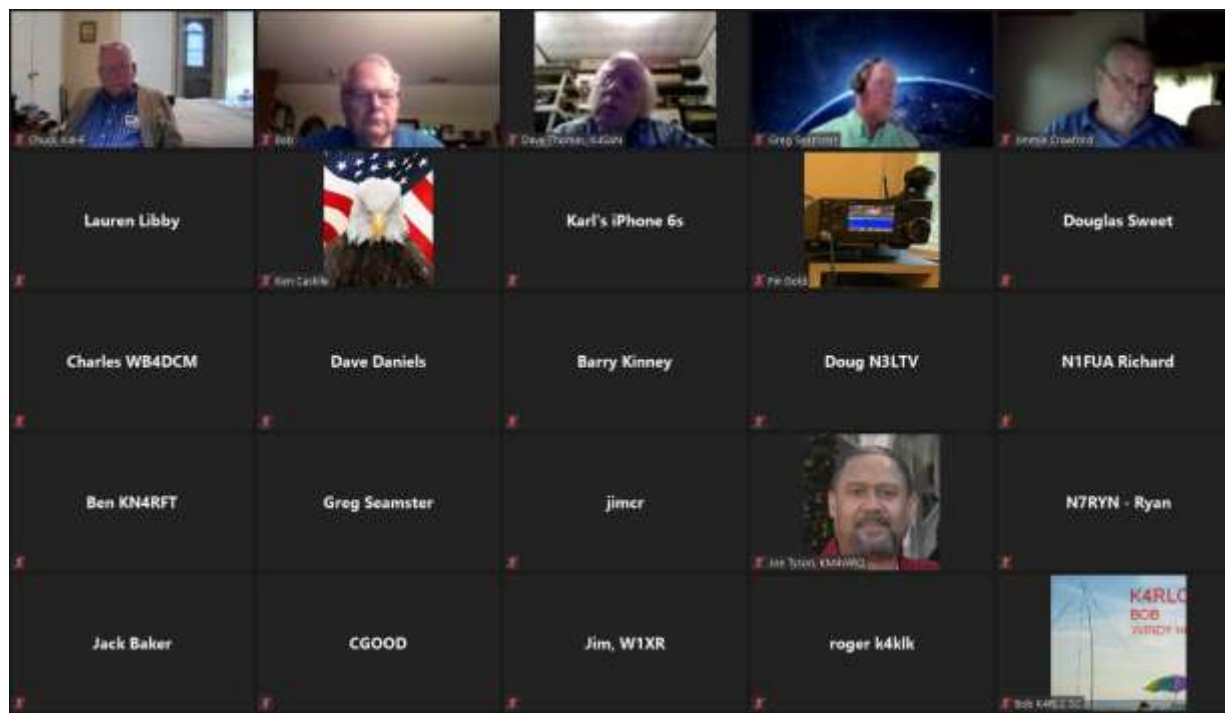
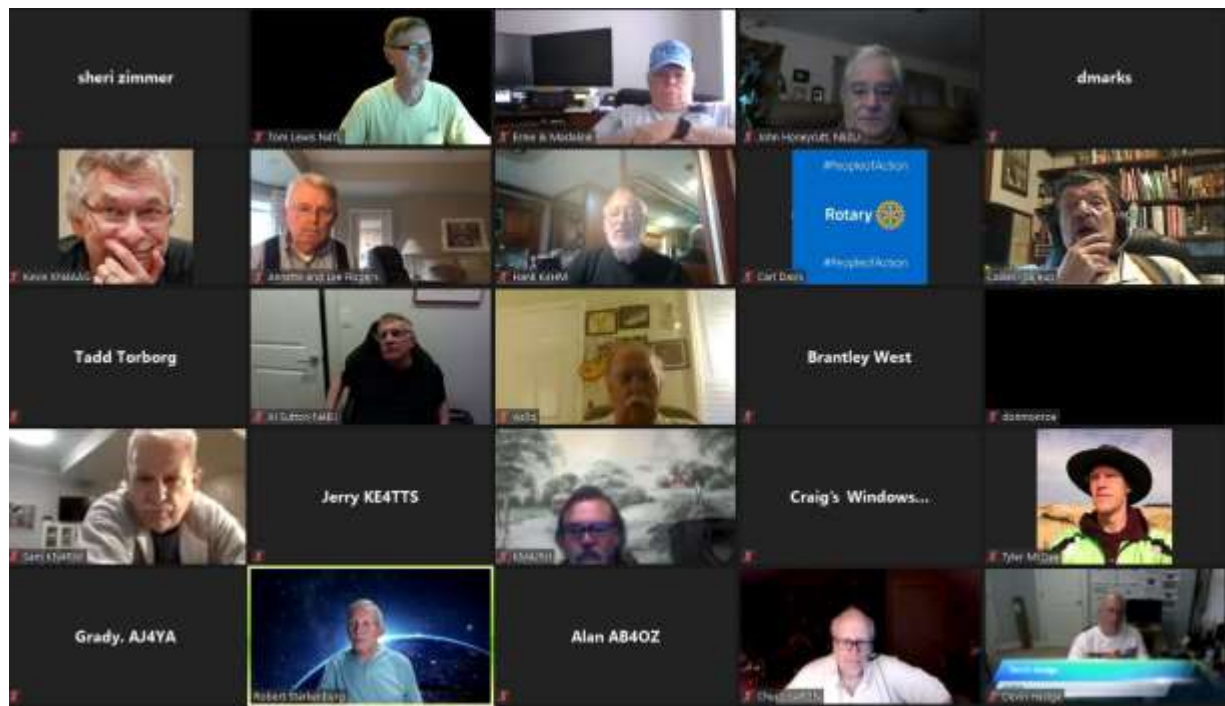
Logging Software

- You can use any logging software you like so long as you can generate a Cabrillo file.
- I recommend N1MM. It's free and fairly intuitive.
- See the RARS website for details on how to download and use N1MM for Field Day

Screen captures during the Zoom meeting on June 9, 2020

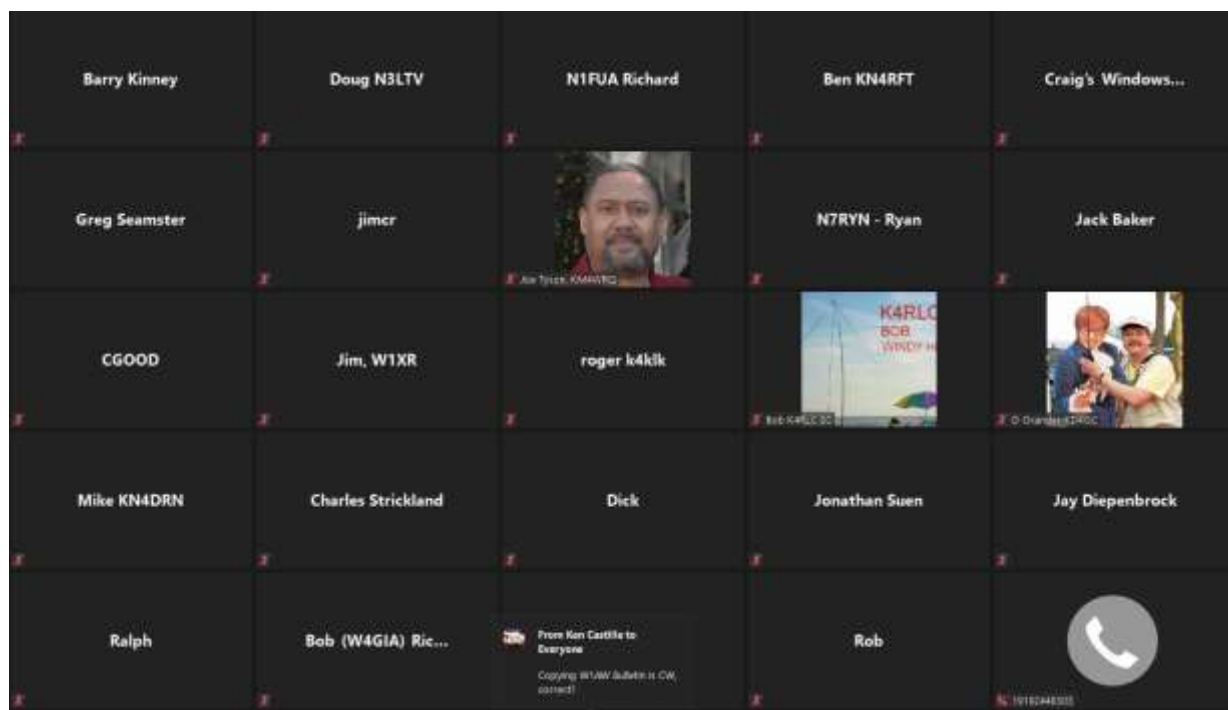
<https://www.rars.org>

June 9, 2020 RARS meeting



Screen captures during the Zoom meeting on June 9, 2020

June 9, 2020 RARS meeting



Screen capture during the Zoom meeting on June 9, 2020

1936 News and Observer

Thanks to Dennis Keith, NC4DK, who sent the following two articles to the Exciter. They are from 1936. Both of the call signs are currently active for ham operators. He does not know when the FCC began using different formats for various services.

Raleigh's police radio station, W4XU, soon is to have its power increased and its call letters changed. A new broadcasting plant has been built by the Wynne Radio Company and will be installed atop the old Commercial Bank Building here. The station's power will be nearly doubled, enabling cars to pick up the broadcast within a radius of approximately 30 miles. When installation of the new equipment is completed within a few days, the station will use the call signal, W4XCE.

"Raleigh Police Radio station is the finest I ever saw," said William R. Foley, inspector for the Federal Communications Commission. The station was built in Raleigh by the Wynne Radio Company and the owner, W. A. Wynne furnishes it without cost to the city for its use. In a conversation with Prof. Hugh L. Caveness of State College, Inspector Foley spoke of the Raleigh Police station as a "hum-dinger".

BNC connectors

There are also 50 and 75 ohm BNC connectors



Thanks to Charles Strickland, WA4OSS, who sent this to the Exciter.

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

8/11/2020	An Introduction to the NanoVNA	Dan Marks, KW4TI
9/8/2020	Antenna Tuners	Doug Hall, K4DSP

The next few meeting of RARS will be held using Zoom at 7:30PM. Zoom is a conferencing application that runs on computers, tablets and phones. The meeting ID will be sent out to everyone via email.

Quick start guide for new Zoom users

https://support.zoom.us/hc/en-us/articles/360034967471-Quick-start-guide-for-new-users#h_b0c98dfa-d90f-486d-9617-71ab7b41a273

Zoom help center

<https://support.zoom.us/hc/en-us>

RARS Birthdays

Tom	K6UTL	07/01
James	KE4DRN	07/03
John	KN4EQO	07/04
Doug	K1DUG	07/06
Joshua	KB3VKH	07/08
Rick	KD4PJI	07/08
Steve	AC2AS	07/09
Bill	W3IMD	07/10
John	AI4RT	07/10
Annette	KB4AQH	07/11
Wade	KG4KAH	07/14
Doug	AD4UL	07/14
Jerry	WA1WHD	07/15
Al	N4EII	07/15
Andy	KN4JJU	07/15
Jim	KM4WRK	07/17
Lowell	K4EUP	07/17
Bob	K4RLC	07/19
Bill	W4WHW	07/23
Ferdinand	AD4RC	07/25
Lee	WB4DRJ	07/25
Charles	WB4DCM	07/26
William	K4CIA	07/28
Meme	KE4NGM	07/28
Dave	W4YDY	07/29
Tim	W4TRB	07/30
Scott	KJ4TUC	07/30

*Everyone is
welcome!*



Due to the COVID-19 Pandemic Taco Thursdays has moved to the 146.64 repeater at 11:30 AM.

Once in a while a **free Hamfest** is held at the Pleasant Valley Shopping Center. To find the next date go to the entry for AB4OZ in QRZ.COM.

Alan posts the information there.

New Members

Sharon Herring	Not Licensed
David Martin	KO4DJP
William Schmidt	N0FSD
Mark Dewitt	K2RRT
Robert Piper	KJ4ITX
Ricardo Maggi	KN4SVN

Interesting Websites

Across The Pacific about Pan Am

All Three "Across The Pacific" episodes are now streaming on the web!

<https://www.panam.org/about-pahf/606-across-the-pacific-film>

Enjoy! Brian kn4r

How to ground for lightning protection

The KF7P Metal Works website has a good list of resources.

https://www.kf7p.com/KF7P/Tech_Resources.html

NANO VNA how to do SWR on an antenna

<https://www.youtube.com/watch?v=xa6dqx9udcg>

Introductory videos on VNA topics

Thanks to Paul, KO4LZ for sending this link to the RARS reflector. He produced a number of short videos about Vector Network Analyzers (VNA). The videos apply to the NanoVNA as well as full function VNAs. RARS will have a presentation on the NanoVNA in August. Watching these video before that meeting will be helpful to everyone.

<https://www.youtube.com/playlist?list=PLKxVoO5jUTlvsVtDcqrVn0ybqBVILj2z8>

Here is a list of some of the videos.

- Understanding S Parameters.

- Understanding the Smith Chart

- Understanding VSWR and Return Loss

- Understanding VNA Calibration Basics

- Understanding Basic Spectrum Analyzer Operation

- Understanding Third Order Intercept

- Understanding Occupied Bandwidth

Certificates from the ARRL website

ARRL Available Certificates<<https://contests.arrl.org/certificates.php>>

Certificates are available to all contest entrants who submitted a log before the due date for a category other than a checklog. Click on the PDF icon associated with a contest to retrieve a full-size PDF of the certificate suitable for printing, or click on the JPEG icon to retrieve a 500-pixel-wide JPEG version suitable for use on a web site.

73 de K4RLC Bob

<https://www.rars.org>

BOX 88 MOSCOW

I was spending a few minutes looking at information in Wikipedia about ham radio. There are many entries. Here are a few that I found.

https://en.wikipedia.org/wiki/Amateur_radio

https://en.wikipedia.org/wiki/QSL_card

https://en.wikipedia.org/wiki/American_Radio_Relay_League

https://en.wikipedia.org/wiki/CQ_Amateur_Radio

https://en.wikipedia.org/wiki/Q_code

https://en.wikipedia.org/wiki/Antique_radio

[https://en.wikipedia.org/wiki/73_\(magazine\)](https://en.wikipedia.org/wiki/73_(magazine))

I could not find one for Box 88 Moscow. Young hams probably do not know what that is. During the cold war, all QSL cards going to hams in USSR were sent to Box 88 in Moscow. The people working there would sort them and send them on. They were not in any hurry. You had to wait years for a card to come back. Maybe someone who has more information about box 88 Moscow would write a page in Wikipedia about it

Here is an article at the ARRL that has some information. See page four.

<http://www.arrl.org/files/file/QST/This%20Month%20in%20QST/February2018/LINDQUIST.pdf>

73 Tom N4TL



RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Scanner / Radio Headphones – VANCO HF-24RS – New in Box

Posted July 3rd, 2020 by: W4BRB

Contact: bernardb15@att.net

Excellent padding on ears and head band. Complete ear coverage to minimize background noise. 10 ft. coiled cord with a 3.5 mm premium gold right angle plug. Dual volume controls to allow comfortable audio levels in each ear. High quality sound.

I'm asking \$20.00 for the headphones. If you are interested, please contact me at 919-614-7603.

Misc Ham Radio Gear - add'l

Posted June 29th, 2020 by: K4HF

Contact: k4hf@arrl.net

J-38 Old but New Straight Morse Keys (2), ea. \$40
Cushcraft 2 Meter Ringo Ranger Antenna, good condx, \$25
Kenwood HS-5 Communications Headphones, mono, as new (2) ea. \$30
Eton Solarlink Weather Alert Radio Mod. ARCFR360, as new \$20
Several Drake, etc 1KW HF Low Pass Filters, as new ea. \$5
Auttek VA-1 Rx Vector Analyst \$50
Ameritron RCS-4 Four position Remote Antenna Switch \$85
Archer Antenna Rotor Control Box, new \$10
Noo-Elec.com Ham-it-up//SDR Rcvr , 100KHz to 30 MHz; 25 MHz to 1 Gig \$75
Pyramid Gold Series PS-8K, 13.8VDC 6-8Amp power Supply \$20
Several 2 Meter 19" Mag Mount mobile antennas with cable/conn., ea. \$10
Diamond NR140BNMO 222 MHz 36" mobile antenna, as new \$25
ICOM PCR-1000 SW defined HF Receiver w/PS - SOLD
Heathkit HW-2036A 2 Meter Mobile w/AC P. Supply - works \$25
Drake Model 1550 300 Watt HF/VHF Dry Dummy Load - \$20
ICOM SM-20 8 pin Base Mike, as new - \$115
Kenwood TM-D700A Dual Band 50 Watt Mobile, as new - \$265
ICOM IC-R2500 Communications Rcvr, sw etc, as new - \$435

Contact me by e mail, preferred, or (919) 872-6555 Thanks, Chuck K4HF

RARS Classifieds continued

Manuals for antique equipment;

Posted June 28th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

Manual for B&K model 1450 oscilloscope, instruction, no schematic;

Manual for HAMMERLUND HQ-120X Comm. receiver. Includes operation, schematics, parts list & alignment.

Manual fir HAMMERLUND Super Pro, Series "200". Includes operation, Schematic, troubleshooting, alignment, and PRICE LIST!

"USE of the OPERATING IMPEDANCE BRIDGE", Application bulletin no 3. DELTA electronics model OIB-1, for use in maintaining a.m. broadcast antenna systems.

Yours for the asking! Call Ken McEwen, KI4OTO @ 919-270-8773

More ANTENNAE !

Posted June 28th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

More ANTENNAE! Various bands:

"TRUCKER" style vertical, tuned for low 10 meter band. Antenna only, uses standard mobile mount thread base. Good S.W.R. ask \$5.00.

"TRUCKER" style vertical, tuned for high 10 meter band. Antenna only, uses standard mobile mount thread base. Good S.W.R. ask \$5.00.

NMO antenna mounts, with co-ax (about 12 +- ft), pl-259 connectors, ask \$3.00 ea.

Antenna rods, steel, about 3 ft. long, ask \$2.00 ea.

12 m. antennae, mid loaded, 2 piece, intended for mobile use, antenna only (no base or coax included). Fabricate a mounting bracket to feed and hold two of these horizontally, & you have a rotatable dipole for 12 m., (maybe even tune able to 15 or 10 m.) ask \$5.00 ea.

Call Ken McEwen, KI4OTO @ 919-270-8773, any time.

<https://www.rars.org>

RARS Classifieds continued

Marine ANTENNAE

Posted June 28th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

Marine ANTENNAE, 156 - 162 mhz, asking \$8.00 Ea.

Most marine antennae are designed for installation on a fiberglass (non-conductive) surface, with no external counterpoise (ground radials), a fiberglass cover (for corrosion protection), and are difficult to tune to nearby 2 m. ham band.

Shakespear # 420, v.h.f. marine band antenna, w/ co-ax, "lift n lay" fold down mount, white fiberglass cover, not adjustable, like new, never installed (no connector).

Shakespear # 4050B, 3ft. c.b.antenna (11 M / 27 mHz), w/ co-ax, matching stub, "lift n lay" fold down mount, white fiberglass cover, like new, good s.w.r. not adjustable.

Shakespear # ???, v.h.f. marine band antenna, about 7 ft. high, w/ co-ax, "lift n lay" fold down mount, PL-259 connector, white fiberglass cover, good S.W.R, damaged tip, ask \$5.00.

Midland model 18-158, 3 dB v.h.f marine band antenna, half wave, 39" high, (base loaded steel whip), (radials not needed), with co-ax, in opened package, untested. Needs mount hardware, PL-259. May be adjustable ?? to 2 m. ham band.

Call Ken McEwen, KI4OTO @ 919-270-8773, any time.

2 x 6146B and 1 x 12BY7 for Kenwood TS-530s and others

Posted June 20th, 2020 by: KN4AAG

Contact: kevin.estep@gmail.com

I have two GE 6146B tubes (finals), and one Sylvania 12BY7 (driver) tube, all used in the Kenwood TS-530s and other radios. These were purchased a couple of years ago at JARSfest as spares. I've since sold my TS-530s and ran across them while cleaning up.

Asking \$60 for the set.

Kevin

RARS Classifieds continued

PolyPhaser with PL-259 Connectors – New/Unused

Posted June 19th, 2020 by: W4BRB

Contact: bernardb15@att.net

The PolyPhaser is a IS-B50 series with PL-259 connectors. The ISB-50 Series is capable of 50,000 Amp IEC 1000-4-5 8/20us waveform surges. The VSWR is $\leq 1.1:1$ for the frequency bands listed below:

50-220 MHz @ 375W

220-700 MHz @ 125W

I'm asking \$25.00 for the PolyPhaser. If you are interested please contact me at 919-614-7603.

PolyPhaser with N Connectors – New/Unused

Posted June 19th, 2020 by: W4BRB

Contact: bernardb15@att.net

The PolyPhaser is a IS-B50 series with N connectors. The ISB-50 Series is capable of 50,000 Amp IEC 1000-4-5 8/20us waveform surges. The VSWR is $\leq 1.1:1$ for the frequency bands listed below:

125-220 MHz @ 375W

220-700 MHz @ 125W

700-1000 MHz @ 50W

I'm asking \$25.00 for the PolyPhaser. If you are interested please contact me at 919-614-7603.

ARRL Handbooks, etc.

Posted June 14th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

I need space, so some of these must go!

ARRL Handbooks, soft cover, fair condition, for 1949, '50, '52, '65, '70, '76, '77, \$5.00 each.

ARRL Handbooks, soft cover, rough condition, but complete, 1958, 1960, \$4.00 each.

ARRL Handbooks, larger series, good condition, 1985, '90 hard cvr., '98, \$8.00 each.

<https://www.rars.org>

RARS Classifieds continued

ARRL Handbook, soft cover, good condition, with data c.d. rom, \$12.00

Plus numerous ARRL antenna and miscellaneous titles. Call for prices!

Bunches of QST mags - - FREE !!

Call or text Ken McEwen, KI4OTO, 919-270-8773, any time.

3, ICOM IC-F21gm uhf GMRS transceivers & accessories

Posted June 14th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

3, IC-F21GM GMRS uhf h.t. type radios. Require a GMRS radio license to operate.

Each set includes: transceiver, Ni-Cad battery (condition unknown), and flex antenna.

Extras: ICOM instruction manual, extra BP-222 battery pack (7.2 v, 600 mAh) & one carry pack (not ICOM), for all equipment.

Asking \$5 each or all for \$10.00

From the estate of Jack Foster, N6UYB.

Call or text Ken McEwen, KI4OTO, 919-270-8773

Optoelectronics Optolinx Model CX12 Radio-PC Universal Interface

Posted June 13th, 2020 by: W4BRB

Contact: bernardb15@att.net

I don't have any information on this unit or software to go with the unit. You will need a 12VDC supply. I have the original box and some cables. Make an offer for the interface. If you are interested, please contact me at 919-614-7603.

RARS Classifieds continued

Optoelectronics Optocom GRE Communications Receiver (SDR)

Posted June 13th, 2020 by: W4BRB

Contact: bernarb15@att.net

I don't have any information on this unit or software to go with the unit. You will need a 12VDC supply. Make me an offer for the receiver.

If you are interested, please contact me at 919-614-7603.

Receiver Multicoupler Model MCA208

Posted June 13th, 2020 by: W4BRB

Contact: bernarb15@att.net

The application of the MCA208 multicoupler is to enable the use of one antenna system for up to eight monitoring receivers, scanners, or other receiving devices. This device has a built in amplifier and comes with a 12V supply. This item is new unused in the original box with paperwork. I'm asking \$75.00 for the multicoupler. If you are interested, please contact me at 919-614-7603.

Receiver Multicoupler Model MCA204

Posted June 13th, 2020 by: W4BRB

Contact: bernarb15@att.net

The application of the MCA204 multicoupler is to enable the use of one antenna system for up to four monitoring receivers, scanners, or other receiving devices. This device has a built in amplifier and comes with a 12V supply. I'm asking \$50.00 for the multicoupler. If you are interested, please contact me at 919-614-7603.

Looking for a Collins 51J ,R388 receiver power transformer

Posted June 11th, 2020 by: AC2AS

Contact: sfgvoip@gmail.com

Need a power transformer or would be happy to buy a parts receiver which includes one. Parts receiver should be bad enough so even I won't be tempted to restore it.

I will buy or trade for junk of equal value.

I am also have a large collection of vacuum tubes, etc. for vintage receiving equipment or old

RARS Classifieds continued

electronics and am willing to help with your project

Steve

TM-211A/E Kenwood 144 MHz Transceiver Manual.

Posted June 10th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

This instruction manual, with schematic, is in fair condition, and seems complete.

Yours for the asking!

Call or text, Ken McEwen, KI4OTO 919-270-8773

TRS 80

Posted June 10th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

ATTN. Computer Historians (and other collectors):

"SCRIPSIT" word processor package, for a TRS-80 - III computer. It includes:

"Operation and BASIC language reference manual; ... Training Program manual, R.S. # 26-1505; Program tape (cassette); Three ring binder. Come and get it, or will deliver in Raleigh.

Ken McEwen, KI4OTO 919-270-8773

ICOM 720A Manuals

Posted June 10th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

ICOM 720A, s.n.09365 instruction manual & service manual. Come and get them! call or text.

Ken McEwen, KI4OTO 919-270-8773

RARS Classifieds continued

Wanted - Kenwood TS-120 Operator & / or Service Manual(s)

Posted June 10th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

wanted - Operator and/or service manual(s) for the Kenwood TS-120 I have on the shelf here.
Call or text

Ken McEwen, KI4OTO 919-270-8773

The Radiologist



"Ohhh... YOU thought I was a radiologist! No,
I'm a radio-ologist! I repair radios!"

Thanks to Carl, W8WZ who sent this to the Exciter

RARS Board Meeting Minutes – May 19, 2020

Ridge Road Baptist Church
2011 Ridge Road
Raleigh, NC

* This meeting was conducted over Zoom

John Honeycutt opened the meeting at 7:01 PM.

The following were in attendance:

Members:

John Honeycutt - N8ZU
Tom Lewis - N4TL
Greg Seamster - KE4PAX
Mark Kilmer - KM4JRH
Chuck Littlewood - K4HF
Carl Davis – W8WZ
Hank Montgomery – K4HM
Bob Starkenburg – W4TTX
Jeremy Lindsley – KB4JDL
Ken Latchum – AD4GX
Tadd Torborg - KA2DEW

A quorum was present and the previous meeting minutes were approved.

Officer/Committee Reports:

President: - John Honeycutt

Next club meeting will be over Zoom. Called for Officer and Director reports.

Vice President: - Tom Lewis

June club meeting topic will be Field Day 2020, presented by Bob Starkenburg (W4TTX).

Treasurer: - Greg Seamster

Membership is at 418. Greg presented the draft budget to the Board. Greg put forth; Should the club make a donation to Carolina 440, under the Public Relations line item. John Honeycutt made a motion that 250.00 be added for Carolina 440. Motion carried. The BOD passed the budget and it will be presented to the membership at the June meeting.

RARS Board Meeting Minutes continued

Education Director: - Carl Davis

Carl received call from WCPSS indicating that the Fall Tech Class will not be canceled. The syllabus and schedule have been submitted and approved.

There was a discussion concerning the club referring people to outside VE sessions.

Field Day Chair: - Bob Starkenburg

Bob reviewed the ARRL Field Rules and the RARS intra-club FD rules, as well as classifications for the intra-club contest. He also requested help in obtaining certificates. Chuck (K4HF) expressed concern over the ARRL classes being confused with club classes. ARRL classes will be used for the QSO exchanges.

John brought forth the idea of how we should publicize FD.

Interim Public Service Director: – Jeremy Lindsley

Has found a source for new PS vests.

Exciter Editor: - Tom Lewis

Any item for the next Exciter is due by May 30th. Questioned if FD rules should be in the Exciter, when finalized.

Director at Large: – Alan Pitegoff

Made visit to shed to investigate existing vests.

Webmaster: - Hank Montgomery

Directed those who are not receiving the e-mails, to check spam folder and mark as not spam if found. Is rewriting the PS points page and moving to a MySQL database. Brian will be able to make updates.

New Business:

Greg posed the question of inviting Marv Hoffman to the next club meeting. Chuck indicated he has received information that Marv has made himself available for Zoom, contacts and suggested we invite him to the next meeting to offer any updates from the ARRL concerning Field Day.

Existing Action Items:

Mark Kilmer:

RARS Board Meeting Minutes continued

- Contact Paulette concerning status of the new website shirt order process. (Closed)
- Set up May club Zoom meeting. (Closed)
- Set up a test Zoom meeting with same ID as club meeting. (Closed)
- Send e-mail to Greg with link to Zoom website learning services to forward to membership. (Closed)

Alan Pitegoff:

- Visit club shed to see what type of safety vest we already have. (Closed)

Greg Seamster:

- Send purge list to Jeff Wittich, and mention removing non BOD names from the rars-board-I reflector. (Closed)

New Action Items:

John Honeycutt:

- Contact Joe and Liz to find out if they are planning any sort of remote VE testing.
- Make announcements about next club meeting being on Zoom, and make mention of FD.
- Invite Marv Hoffman to the next club meeting to discuss FD from an ARRL perspective.

Jeremy Lindsley:

- Prepare and present quote for new vests to the BOD.

Tom Lewis:

- Publish FD rules in the Exciter when the are finalized.

Hank Montgomery:

- Post FD rules on the website when the are finalized.

Announcements:

John Honeycutt adjourned the meeting at 8:46 PM

Meeting Minutes submitted by Mark Kilmer, KM4JRH;
Secretary, Raleigh Amateur Radio Society

RARS Membership Meeting – June 9, 2020

* Ridge Road Baptist Church
2011 Ridge Road
Raleigh, NC

* The normal club meeting space was closed, due to the COVID-19 “Stay at Home Order.”
The meeting was conducted using the Zoom video conferencing software.
There were 53 logins.

The meeting was opened by President John Honeycutt (N8ZU), at 7:30.

The Pledge of Allegiance was recited.

John called for visitor introductions and those who had recent license upgrades.

A quorum was present. May minutes were approved.

Officer Reports:

President:

The RARS Board of Directors meeting will be one week from today. All members are invited. The meeting will be held using Zoom, at 7:00 PM.

Vice President:

The July meeting topic will be “Patrolling the Ether”, presented by Brian Harrison (KN4R).

Treasurer:

Greg Seamster reported members at 425. He also reviewed the 2020, 2021 budget and club assets. A vote for the budget was brought forth, and it was approved.

RARS Membership Meeting – Continued

Secretary:

No report

Director and Committee Reports:

Director at Large: Alan Pitegoff (AB4OZ)

The Taco Thursday net occurs at 11:30 AM, every Thursday.

Alan will begin posting the status of the Meet and Greet on his QRZ page.

The quarterly 10m net will be July 18th, after the Tech and Trader's net.

Director at Large: Tadd Torborg(KA2DEW)

There is a packet radio group called NCPacket, (ncpacket.net.) There are over 300 people around the world designing and offering help. The group is selling the TNC boards and CPU's. Build instructions are available on the website. There are a number of associated nets. Tadd will post the schedule on ncpacket@groups.io.

ARRL Liaison: Chuck Littlewood(K4HF)

The Salisbury, Asheville, Fayetteville and Shelby Hamfests have been canceled.

Field Chair: Bob Starkenburg (W4TTX)

Field Day will be June 27-28, 2:00 PM Saturday-1:59 Sunday.

Recommend printing the ARRL/RAC Section Abbreviation sheet from ARRL website.

Logs will be submitted to the ARRL, and returned results are to be forwarded to Bob Starkenburg (W4TTX).

The FD entry sheet can be printed at fieldday.arrl.org/fdentry.php. Be sure to spell out "Raleigh Amateur Radio Society" on the log sheet.

Copying the ARRL W1AW bulletin will count for extra points.

Bob noted the website for 100watts and a wire had some good information for FD setup.

Al Sutton(N4EII) will serve as N1MM support prior to FD.

RARS Members meeting minutes continued

Additional Announcements:

Greg Seamster (KE4PAX) noted that the Zoom link for the July club meeting will remain the same. Also, this is the time of year to submit membership renewals.

Tonight's Program:

Tom Lewis introduced Bob Starkenburg (W4TTX), for the nights presentation, "Field Day and how we are doing it."

John Honeycutt adjourned the meeting at 8:28 PM.

Meeting minutes respectively submitted by Mark Kilmer (KM4JRH), Secretary, RARS.

